

NCLOS Data Needs and Sources

| FREEWAYS | |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| INFORMATION | DATA SOURCES |
| Lanes Per Direction | Road Characteristics Shapefile, Pavement Management Unit, Division Office, Field Collection |
| Location (Urban, Suburban, or Rural) | Municipal Boundaries Shapefile, Local Government Shapefiles/Maps (ETJ), Functional Classification Maps |
| K Factor | ATR Stations, Traffic Forecasts, Traffic Counts |
| D factor | ATR Stations, Traffic Forecasts, Traffic Counts |
| Truck Percentage | ATR Stations, Traffic Forecasts, Traffic Counts |

| EXPRESSWAYS | |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| INFORMATION | DATA SOURCES |
| Lanes Per Direction | Road Characteristics Shapefile, Pavement Management Unit, Division Office, Field Collection |
| Location (Urban, Suburban, or Rural) | Municipal Boundaries Shapefile, Local Government Shapefiles/Maps (ETJ), Functional Classification Maps |
| K Factor | ATR Stations, Traffic Forecasts, Traffic Counts |
| D factor | ATR Stations, Traffic Forecasts, Traffic Counts |
| Truck Percentage | ATR Stations, Traffic Forecasts, Traffic Counts |

NCLOS Data Needs and Sources

| BOULEVARDS | |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| INFORMATION | DATA SOURCES |
| Lanes Per Direction | Road Characteristics Shapefile, Pavement Management Unit, Division Office, Field Collection |
| Location (Urban, Suburban, or Rural) | Municipal Boundaries Shapefile, Local Government Shapefiles/Maps (ETJ), Functional Classification Maps |
| Divided Facility | Road Characteristics Shapefile, Division Office, Field Collection |
| K Factor | ATR Stations, Traffic Forecasts, Traffic Counts |
| D factor | ATR Stations, Traffic Forecasts, Traffic Counts |

| OTHER MAJOR THOROUGHFARES | |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INFORMATION | DATA SOURCES |
| Lanes Per Direction | Road Characteristics Shapefile, Pavement Management Unit, Division Office, Field Collection |
| Location (Urban, Suburban, or Rural) | Municipal Boundaries Shapefile, Local Government Shapefiles/Maps (ETJ), Functional Classification Maps |
| Type of Facility* | *(US/NC = 2-5 lanes, SR/Local = 4-5 lanes) Road Characteristics Shapefile, Local Government Shapefiles, Pavement Management Unit, Division Office, Field Collection |
| Undivided Facility | Road Characteristics Shapefile, Division Office, Field Collection |
| K Factor | ATR Stations, Traffic Forecasts, Traffic Counts |
| D factor | ATR Stations, Traffic Forecasts, Traffic Counts |
| Truck Percentage | ATR Stations, Traffic Forecasts, Traffic Counts |
| Lane Width | Road Characteristics Shapefile, Local Government Shapefiles/Data, Pavement Management Unit, Division Office, Field Collection |

NCLOS Data Needs and Sources

| MINOR THOROUGHFARES | |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| INFORMATION | DATA SOURCES |
| Lanes Per Direction | Road Characteristics Shapefile, Pavement Management Unit, Division Office, Field Collection |
| Location (Urban, Suburban, or Rural) | Municipal Boundaries Shapefile, Local Government Shapefiles/Maps (ETJ), Functional Classification Maps |
| Type of Facility* | *(SR/Local = 2-3 Lanes) Road Characteristics Shapefile, Local Government Shapefiles, Pavement Management Unit, Division Office, Field Collection |
| Undivided Facility | Road Characteristics Shapefile, Division Office, Field Collection |
| K Factor | Traffic Forecasts, Traffic Counts |
| D factor | Traffic Forecasts, Traffic Counts |
| Lane Width | Road Characteristics Shapefile, Local Government Shapefiles/Data, Pavement Management Unit, Division Office, Field Collection |

| RURAL TWO-LANE HIGHWAYS | |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INFORMATION | DATA SOURCES |
| Location (Rural)* | *(Located outside municipal boundaries and/or ETJs) Municipal Boundaries Shapefile, Local Government Shapefiles/Maps (ETJ), Functional Classification Maps |
| Type of Facility* | *(US, NC, SR, or Local) Road Characteristics Shapefile, Local Government Shapefiles, Pavement Management Unit, Division Office, Field Collection |
| Undivided Facility | Road Characteristics Shapefile, Division Office, Field Collection |
| K Factor | ATR Stations, Traffic Forecasts, Traffic Counts |
| D factor | ATR Stations, Traffic Forecasts, Traffic Counts |
| Lane Width | Road Characteristics Shapefile, Local Government Shapefiles/Data, Pavement Management Unit, Division Office, Field Collection |